



Complete Summary

TITLE

Computerized patient record system (CPRS): percent of pharmacy orders entered into the CPRS by the prescribing clinician.

SOURCE(S)

Office of Quality and Performance (10Q). FY2002 VHA performance measurement system. Technical Manual. Washington (DC): Veterans Health Administration (VHA); 2002 Mar 8. 137 p.

Brief Abstract

DESCRIPTION

This measure assesses the percentage of pharmacy orders entered into the Computerized Patient Record System (CPRS) by the prescribing clinician.

Computerized Patient Record System (CPRS) is a software product used in the Veterans Health Administration (VHA) to collect patient data from a variety of other clinical software packages and combine them into an integrated electronic patient medical record.

RATIONALE

The risk of error in processing prescriptions is reduced when orders are entered directly into a computer. The complexity of processing and filling prescriptions is reduced with the reduction of the number of steps and hand-offs involved. Existing Computerized Patient Record System (CPRS) technology is unevenly used throughout Veterans Health Administration (VHA). This performance measure is intended to reduce risk to patients and reduce variation in the clinical use of CPRS across the system.

PRIMARY CLINICAL COMPONENT

Generic

DENOMINATOR DESCRIPTION

The number of applicable pharmacy orders entered into Vista, excluding specified prescriptions and policy orders (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

NUMERATOR DESCRIPTION

The number of pharmacy orders entered into the Computerized Patient Record System (CPRS) by the prescribing clinician

Evidence Supporting the Measure

PRIMARY MEASURE DOMAIN

Process

SECONDARY MEASURE DOMAIN

Not applicable

EVIDENCE SUPPORTING THE MEASURE

One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Wide variation in quality for the performance measured

EVIDENCE SUPPORTING NEED FOR THE MEASURE

Office of Quality and Performance (10Q). FY2002 VHA performance measurement system. Technical Manual. Washington (DC): Veterans Health Administration (VHA); 2002 Mar 8. 137 p.

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

External oversight/Veterans Health Administration
Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Unspecified

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Advanced Practice Nurses
Physician Assistants
Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Single Health Care Delivery Organizations

TARGET POPULATION AGE

Unspecified

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Staying Healthy

IOM DOMAIN

Safety

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

All applicable pharmacy orders entered into the Vista system

DENOMINATOR (INDEX) EVENT

Therapeutic Intervention

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

All inpatient, outpatient and long term care orders for any product using Vista pharmacy packages

Exclusions

- Drug Enforcement Agency (DEA) schedule II outpatient prescriptions, required by law to be hardcopy with wet signature
- Prescriptions entered by Medical Students as part of Veterans Health Administration (VHA) Education mission for training
- Policy orders (protocol or standing orders) - clinician holds the OR ELSE key
- Refills
- Pharmacist originated corrections or revisions

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Prescribing clinician: the clinician, who by clinical privilege or scope of practice is authorizing the pharmacy to provide the item to the patient

Order entered: computer looks to see if the person entering the prescription is the same as the name of the ordering provider

Exclusions

Unspecified

DENOMINATOR TIME WINDOW

Time window is a fixed period of time

NUMERATOR TIME WINDOW

Fixed time period

DATA SOURCE

Pharmacy data
Special or unique data

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison
Prescriptive standard

PRESCRIPTIVE STANDARD

Achievement levels for 4th quarter fiscal year (FY) 2002:

- Fully successful: 85% AND 18 of 22 Networks achieving at least 85%
- Exceptional: 95% AND 18 of 22 Networks achieving at least fully successful 85%

EVIDENCE FOR PRESCRIPTIVE STANDARD

Office of Quality and Performance (10Q). FY2002 VHA performance measurement system. Technical Manual. Washington (DC): Veterans Health Administration (VHA); 2002 Mar 8. 137 p.

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

CPRS clinician pharmacy order entry.

MEASURE COLLECTION

[Fiscal Year \(FY\) 2002: Veterans Health Administration \(VHA\) Performance Measurement System](#)

MEASURE SET NAME

[Computerized Medical Record](#)

DEVELOPER

Veterans Health Administration

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2001 Nov

REVISION DATE

2002 Mar

MEASURE STATUS

Please note: This measure has been updated. The National Quality Measures Clearinghouse is working to update this summary.

SOURCE(S)

Office of Quality and Performance (10Q). FY2002 VHA performance measurement system. Technical Manual. Washington (DC): Veterans Health Administration (VHA); 2002 Mar 8. 137 p.

MEASURE AVAILABILITY

The individual measure, "CPRS Clinician Pharmacy Order Entry," is published in "FY 2002 VHA Performance Measurement System: Technical Manual."

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NQMC STATUS

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